

REMARKS

Applicant respectfully requests reconsideration of the subject application as amended. In response to the Office Action mailed 9/28/05, Applicant is filing this amendment. Claims 1-6, 8, 9, 11-17, 19, 20, 22 and 23 are pending.

In the Office Action mailed 9/28/05, the Examiner has objected to the drawings for a number of discrepancies. Applicant has made the following noted changes to the drawings. Figures 3 and 5 now have the Prior Art legend noted. In Figure 1, Applicant has inserted the label "Transmitting Station" in block pertaining to element 101. In Figure 5, Applicant has removed the reference numerals 500 and 550. Also in Figure 5, Applicant has added reference numeral 510 to the block labeled "Magnitude" since a numeral was missing.

Applicant is submitting a replacement set of formal drawings with this response. The changes noted above are included in the replacement drawings. Accordingly, Applicant requests the Examiner to approve the replacement drawings with the included changes.

The Examiner has objected to the disclosure for a number of informalities. Applicant submits that all of the informalities noted by the Examiner have been corrected in the amendment of the specification. Furthermore, Applicant is inserting a reference to numeral 510. Applicant respectfully requests the Examiner to approve the changes to the specification.

The Examiner has objected to claims 1-22 for a number of informalities. Applicant has made the various suggested changes to remove the informalities. Accordingly, Applicant requests the Examiner to withdraw the claim objections.

The Examiner has rejected claims 1-11, 18 and 21 under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement. Applicant has canceled claims 7, 10, 18 and 21. Applicant has also amended claim 1 to remove the reference to "recognizing the sequence" and inserted "determining an identity of the sequence based on the predetermined number of taps" in place. Accordingly, Applicant submits that the remaining claims overcome the 35 U.S.C. §112, first paragraph, rejection and Applicant requests the Examiner to withdraw the rejection based on 35 U.S.C. §112, first paragraph.

Accordingly, Applicant submits that the amended claims overcome the Examiner's objections and rejections and Applicant solicits for the allowance of pending claims 1-6, 8, 9, 11-17, 19, 20, 22 and 23, as amended.

Furthermore, in order to respond to the outstanding office action, Applicant is also submitting a petition for one-month extension of time under a separate cover.

If there are any fee shortages related to this response, please charge such fee shortages to Deposit Account No. 50-2126.

Respectfully submitted,

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